



# UNITED STATES PATENT AND TRADEMARK OFFICE

50  
UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/034,770	12/19/2001	Rajesh S. Agarwalla	AUS920010793US1	1227

7590 07/15/2005

Joseph R. Burwell  
Law Office of Joseph R. Burwell  
P.O. Box 28022  
Austin, TX 78755-8022

EXAMINER
----------

BOUTAH, ALINA A

ART UNIT	PAPER NUMBER
----------	--------------

2143

DATE MAILED: 07/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/034,770

Applicant(s)

AGARWALLA ET AL.

Examiner

Alina N. Boutah

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 December 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 12/19/01
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Specification***

The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

The disclosure is objected to because of the following informalities: the related applications information on page 1 of the specification needs to be updated by including the serial numbers and/or patent numbers. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 1 and 11 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. Claims 1 and 11 recites "receiving a response message at the computing device." It was unclear as to which computing devices (first, second or third) "the computing device" is referred to.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-30 are rejected under 35 U.S.C. 102(e) as being anticipated by USPN 6,557,076 issued to Copeland et al. (hereinafter referred to as Copeland).

The applied reference has a common inventor with the instant application. Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under 35 U.S.C. 102(e). This rejection under 35 U.S.C. 102(e) might be overcome either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor of this application and is thus not the invention “by another,” or by an appropriate showing under 37 CFR 1.131.

Regarding claim 1, Copeland teaches a method for processing objects within a data processing system in a network, the method comprising:

receiving a request message at a first computing device, wherein the request message comprises a source identifier for a fragment (col. 7, line 66 to col. 8, line 5; col. 9, lines 42-56);

Art Unit: 2143

performing a first determination for whether or not the request message has been processed by a second computing device that has a fragment-supporting cache management unit (col. 9, lines 48-55);

receiving a response message at the computing device, wherein the response message comprises the fragment (col. 11, lines 26-42; col. 17, lines 5-17);

performing a second determination for whether or not the fragment is to be cached if the computing device can determine that the second computing device has a fragment-supporting cache management unit (col. 17, lines 5-17); and

performing a third determination for whether or not to cache the fragment based on the first determination and the second determination (col. 13, lines 12-22).

Regarding claim 2, Copeland teaches the method of claim 1 wherein the first determination further comprises: retrieving from the request message a message header comprising a directive that indicates that the request message has been processed by a second computing device that has a fragment-supporting cache management unit (col. 13, lines 12-22).

Regarding claim 3, Copeland teaches the method of claim 1, wherein the second determination further comprises: retrieving from the response message a message header comprising a directive that indicates that the fragment is not to be cached by the first computing

Art Unit: 2143

device if the second computing device has a fragment-supporting cache management unit (col. 13, lines 12-22).

Regarding claim 4, Copeland teaches the method of claim 3 wherein the response message comprises an HTTP (Hypertext Transport Protocol) Cache-Control header with a private directive (col. 15, lines 20-47).

Regarding claim 5, Copeland teaches the method of claim 1 further comprising: in response to the first determination being negative or the second determination being negative, storing the fragment in a cache maintained by a cache management unit within the computing device (col. 13, lines 12-22).

Regarding claim 6, Copeland teaches the method of claim 1 wherein the source identifier is formatted as a URI (Uniform Resource Identifier) (col. 11, line 65 to col. 12, line 35).

Regarding claim 7, Copeland teaches the method of claim 1 wherein the response message is an HTTP (Hypertext Transport Protocol) Response message and the request message is an HTTP request message (col. 7, line 67 to col. 8, line 5).

Art Unit: 2143

Regarding claim 8, Copeland teaches a method for processing objects within a data processing system in a network, the method comprising:

receiving a request message at a server, wherein the request message comprises a source identifier for a fragment (col. 7, line 66 to col. 8, line 5; col. 9, lines 42-56);

generating a response message comprising the fragment (col. 11, lines 26-42; col. 17, lines 5-17); and

inserting in the response message a message header comprising a directive that indicates that the fragment is not to be cached by a first computing device if the first computing device is forwarding the response message to a second computing device that has a fragment-supporting cache management unit (col. 11, line 65 to col. 12, line 35).

Regarding claim 9, Copeland teaches the method of claim 8 wherein the source identifier is formatted as a URI (Uniform Resource Identifier) (col. 11, line 65 to col. 12, line 35).

Regarding claim 10, Copeland teaches the method of claim 8 wherein the response message is an HTTP (Hypertext Transport Protocol) Response message and the request message is an HTTP request message (col. 7, line 67 to col. 8, line 5).

Art Unit: 2143

Claims 11-17 and 21-27 are similar to claims 1-7, therefore are rejected under the same rationale.

Claims 18-20 and 28-30 are similar to claims 8-10, therefore are also rejected under the same rationale.

### *Conclusion*


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alina N. Boutah whose telephone number is 571-272-3908. The examiner can normally be reached on Monday-Friday (9:00 am - 5:00 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*ANB*

ANB

  
DAVID WILEY  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100